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	Application No.	Applicant(s)
Notice of Allowability	09/838,384	CHA ET AL
	Examiner	Art Unit
	Mike Qi	2871
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	(OR REMAINS) CLOSED in this ap or other appropriate communicatio IGHTS. This application is subject	oplication. If not included n will be mailed in due course. THIS
1. This communication is responsive to the amendmen of October 5, 2004.		
2. The allowed claim(s) is/are <u>4-25</u> .		
3. The drawings filed on <u>20 April 2001</u> are accepted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of Informal I	Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Da	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date		ment/Comment
4. Examiner's Comment Regarding Requirement for Deposit	· -	ent of Reasons for Allowance
of Biological Material	9.	

DETAILED ACTION

Allowable Subject Matter

- 1. Claims 4-25 are allowed.
- 2. The following is an examiner's statement of reasons for allowance:

The prior art of record neither discloses nor teaches a liquid crystal display device comprising various elements as claimed, more specifically, as the following:

the side walls of the first frame are vertically formed at side peripheral portions of the bottom surface except for one side peripheral portion of the bottom surface, and a supporting member of the first frame installed at the side peripheral portion of the bottom surface in which the side wall is not formed as shown in Fig.3 [claim 4];

the side walls of the first frame vertically formed at all side peripheral portions of the bottom surface except for one side peripheral portion of the bottom surface where the side wall is not formed, and the second frame being detachably coupled with the first frame, such that the extremities of the second frame are within the periphery of the outer portions of the first frame as shown in Fig.3 [claim 10].

The closest reference Susumu discloses a structure of a liquid crystal comprising two frames, one frame for holding optical sheets such as LCD display panel, light guide plate and light focusing lens, another frame for holding the light source, so that the light source can be detachable. However, the structure is different from this application in which the light source holding frame (second frame) is detachably coupled with the optical sheets holding frame (first frame) using one side of the first frame where no side wall in this side of the first frame.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Qi whose telephone number is (571) 272-2299. The examiner can normally be reached on M-T 8:00 am-5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on (571) 272-2293. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mike Qi October 26, 2004

TARIFUR R. CHOWDHURY
PRIMARY EXAMINER